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Birds

Division of Birds

AN
INDEX-GUIDE

TO THE
AVICULTURAL MAGAZINE

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FROM

The commencement, November, 1894,
to December, 1930

Compiled by E. H.

EDITOR'S NOTE

THE AVICULTURAL SOCIETY was founded in November, 1894, when the first number of the AVICULTURAL MAGAZINE was published, thus, to the end of 1930, thirty-six volumes have been produced and an index to the whole series was very desirable if not essential to the more serious avicultural students. But it was found that to produce a complete index for the whole series on the lines of those published with each annual volume would involve an expense which the Society could not contemplate. The idea having been abandoned, Dr. E. Hopkinson most generously came forward and offered to compile a Selective Index or Index-guide to the past volumes and the Council gratefully accepted his kind offer. It must be understood that this does not profess to be a complete index to every bird mentioned in the past volumes, but it is a working index by which every reference of importance can readily be traced. The method of using it is clearly explained by its compiler on page 3. The earlier volumes commenced each year in November, thus overlapping two calendar years, but where reference is made to a year, such for instance as 1905, it refers to the volume commencing in November, 1904, and ending October, 1905. It is recommended that for convenience of reference members should mark on the back of each volume, prior to 1925, its year, such as is done on the official binding from 1925 onwards.

D. S-S.



Birds

AN INDEX-GUIDE TO THE AVICULTURAL MAGAZINE

The following is an attempt to provide a working index to the mass of interesting information which is contained in the thirty-six volumes of the Magazine since its commencement in November, 1894, to the end of 1930.

It is divided into three parts :—

(i) ALPHABETICAL INDEX. In this, references such as "*ii. 22*", etc., mean "*Part ii, Section (NOT page) 22*", the others indicate the year and page of the various volumes of the Magazine.

(ii) CLASSIFIED LIST OF BIRDS, commencing with the *Passeres* and concluding with the *Ratitae*.

(iii) LIST OF CONTRIBUTORS with dates of their earliest and latest contributions.

The chief abbreviations used are :—

A.M., A.S. Avicultural Magazine and Society.

B.N. Bird Notes.

F.B.C. Foreign Bird Club.

C.P. Crystal Palace Show.

LCBA. London Cage-birds Society Show.

L&PO. London and Provincial Ornithological Society Show.

and the following abbreviations or initials for the most prolific contributors :—

HDA. H. D. Astley.

BS. C. Barnby Smith.

D.Bedf. Duchess of Bedford.

AGB. A. G. Butler.

Delac. J. Delacour.

HRF. H. R. Fillmer.

Fullj. H. Fulljames.

EH. E. Hopkinson.

Mrs J. Mrs. Johnstone.

M-W. E. G. B. Meade-Waldo.

O.G. W. Ogilvie Grant.

RP. R. Phillips.

St.Q. W. H. St. Quintin.

SS. D. Seth-Smith.

Tavis. Lord Tavistock.

Tesch. W. E. Teschemaker.

Van S. V. G. Van Someren.

D.Well. Duchess of Wellington.

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S. guttata at LCBA. SHOW (first appearance), 1909, 110.

Scaly-fronted Weaver (*Sporopipes*)

NESTING OF THE SCALY-FRONTED FINCH, Tesch. (reared), 1913, 362 photos.

Thick-billed Weaver, *Amblyospiza albifrons*

On PLATE, 1923, 132 ; NESTING OF THE . . . (unfertile eggs only), SB. 1929, 321 ; one hatched, but died at 3 weeks, SB. 1930, 314.

Madagascar Weaver, *1899, 57, 77.

Reichenow's Weaver, *Othyphantes reichenowi*

Brought from C. Africa, Porter, 1927, 155 (TWO RARE WEAVERS).

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Bishops, *Pyromelana*

Orange Bishop, NESTING OF THE . . . RP. (eggs), 1905, 89.

THE BLACK-VENTED BISHOP, *P. nigriventris*, AGB. 1896, 53.

Napoleon Weaver, *A cock dies at 17 years of age, AGB. 1917, 288 ;
a hen at 20, 1920, 32 ; a hen 21 years in captivity, AGB. 1921, 62.

Black-thighed Weaver, *P. capensis xanthomelaena*, brought from
C. Africa, Porter, 1927, 156 (TWO RARE WEAVERS).

1903, 302, 305. *Nigrita arnaudi* or *Ploceipasser rufoscapulatus* suggested
identifications of a bird which turned out to be a Swainson's Sparrow
(*griseus*).

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THE WHYDAHs, SB. 1917, 129, photos, *288 ; SB. 1923, 108 (Avic.).

*Whydah-breeding records, AGB. 1910, 134, 289, Tesch. 254.

Melanism in Whydahs, Van Someren, 1919, 40.

Pin-tailed Whydah . . . PARASITIC ? AGB. 1908, 121.

THE CRIMSON-BANDED WHYDAH, *P. ardens*, Fullj. 1896, 84.

THE YELLOW-BACKED WHYDAH, EH. 1921, 135 ; BREEDING OF THE . . . SB. (one reared), 1924, 256.

Giant Whydah, *Chera progne*. NESTING OF THE . . . Tesch. (three reared = first), 1910, 81, 255, photo of nest, Medal, 1911, 22.

*Wild habits, Davies, 1910, 224.

Jackson's Whydah, new to Zoo, 1911, 70 ; one at the Zoo 18 years old, 1927, 2.

THE COURTSHIP OF . . . (wild), Lorimer, 1918, 208.

*Long-tailed Combasou, 1899, 39, 59, 71 = *Vidua hypocherina*.

*Resplendent Whydah, at C.P. 1900, 30 = *Vidua hypocherina*.

Ultramarine Combasou, *Hypochera ultramarina*. THE "LONG-TAILED COMBASOU" (error for Ultramarine C.), Silver, 1917, 89, 183 (*hypocherina* mentioned).

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Mannikins (*Munia*, etc.)

*Munias which have been imported, 1922, 80.

*A gorgeous Munia in New Guinea (?), 1917, 207.

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NOTES ON HYBRID PLOCEIDAE, AGB. 1906, 345 ; *Hybrid Munias, 1904, 140, a correction, 176 ; *A cross between a Mannikin and a Canary (?), 1903, 222 ; *An interesting hybrid (*Munia*), 1906, 288.

Bronze × Magpie Mannikin hybrids reared, Page, 1907, 373.

Bronze × Rufous-backed Man. two reared, Todd, 1897, 78.

Cherry Finch × Masked Grassfinch, NOTE ON A HYBRID GRASS-FINCH, *Aid. modesta* × *Poephila personata*, Sich, 1909, 166 (bred in 1908 ; one still alive, AGB. 1921, 62 ; died Dec. 1922, 1923, 6).

Diamond Sparrow × Zebra-finch, PLATE, 1906, 345.

Java Sparrow (grey) × African Silverbill, reared, 1902, 231.

Long-tailed × Masked Grassfinch, reared, 1906, 354.

Nutmeg × Bengalese hybrids bred, 1899, 194.

Nutmeg × Java hybrids bred in California, 1927, 221, photo.

Nutmeg × Silverbill, three reared, 1904, 115.

Red-headed × Ribbon-finch hybrids, bred, Daly. 1899, 34.

Silverbill (Indian) × Zebra-finch, reared, Sich, 1927, 202.

Striated Finch × Bengalese bred, 1900, 35.

Sharp-tailed Finch × Silverbill, two reared, Dell, 1901, 44.

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THE GREY JAVA SPARROW, Page, 1898, 12 ; one reared, 37. Hybrid, see above.

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*A "White-headed Mannikin" 16 years old, 1897, 13.

Yellow-rumped Finch, *Munia flaviprymna*

*At C.P., first arrival, 1905, 53, 141; THE YELLOW-RUMPED FINCH, SS. 1905, 215, PLATE; NESTING OF THE . . . Tesch. (not reared), 1906, 97; reared, 1907, 113, *158, 191.

THE . . . AND ITS RELATIONSHIP TO THE CHESTNUT-BREADED FINCH, SS. 1907, 196, plain plate.

Chestnut-breasted Finch, *M. castaneithorax*

THE NESTING OF THE . . . Tesch. (reared), 1907, 113, *158, 191. Photo of a group, 1917, 167. Bred by Sich, 1927, 203.

Pectoral Finch, *M. pectoralis*

At C.P. 1895, 52; 1896, 70; *Notes on, 1901, 128; 1903, 279; THE PECTORAL FINCH, SS. 1904, 130; NESTING OF THE . . . Williams (reared), 1906, 68; Medal, 158; on PLATE 1923, 74.

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Uroloncho leucogastra, Zoo, 1922, 88, ? "new".
U. squamicollis, *Allon had it, 1897, 125.

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*The spelling of the word, 1897, 100; as a cage-bird, 1904, 134; WHAT IS THE BENGALESE?, Flower, 1907, 60, *99, 182, 222, 251; RICE BIRDS, Currey, 1913, 75.

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Magpie Mannikin, *One 10 years old, 1906, 43; Hybrids, see 64.
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Two-coloured Mannikin, *Spermestes poensis*

"*Sp. gambiensis*" in Delacour's collection, 1917, 61. ? = this.

Rufous-backed Mannikin, *Sp. nigriceps*

C.P. 1896, 74; *A small lot have arrived, 1907, 137; NESTING OF THE . . . Tesch. (reared), 1909, 321; Medal, 1911, 22; Notes on the moult, Tesch. 1910, 256.

Dwarf or Bib Finch, *Sp. nana*, *Catleugh, 1896, 111; breeding at liberty, 1927, 249.

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Quail Finches, *Ortygospiza*

Two pairs, *polyzona*, new to Zoo, 1906, 170, *213; *Quail-finches nesting in a cage ("have eggs"), W. Ingram, 1909, 174; BREEDING OF THE QUAIL-FINCH (*polyzona*), RP. 1910, 37; Mouth decoration of the young, RP. 1910, 103.

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Cutthroat, *A. fasciata*

THE NESTING IN CAPTIVITY OF THE RIBBON-FINCH, "a number reared," 1897, 63; Hybrids, *see next*.

Red-headed Finch *A. erythrocephala*

Hybrids with the hen Cutthroat bred, Daly, 1899, 34; THE BREEDING OF THE . . . Tesch. (reared), 1906, 354; Medal, 1907, 110.

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African Silverbills bred (three reared), 1904, 133; *Silverbills, bred at liberty, Tavis. 1929, 260.

Hybrids, 1901, 44; 1902, 231; 1904, 115; 1927, 202.

Cherry Finch, *Aidemosyne modesta*

*Bred, Husband, 1898, 168; *Breeding of . . . 1904, 234; Hybrids, *see 64 above*.

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BICHENO'S FINCHES, Farrar, 1899, 107; Bred, one reared, 1900, 35; . . . SEXING . . . AGB. 1904, 219; *A Bicheno × Zebra Finch Hybrid at the Balham Show, 1900, 62.

Black-rumped Bichenos, C.P. 1901, 97; THE RINGED FINCH, *St. annulosa*, RP. 1902, 119; BREEDING OF THE . . . Mrs. Williams, 1902, 239, 264, 273.

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Diamond Sparrow

Hybrid with hen Zebra-finch, PLATE, 1906, 345.

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THE . . . AGB. 1916, 31; ZEBRA FINCHES AT LIBERTY, Tavis. 1921, 143; FOREIGN FINCHES THAT ARE EASY TO BREED, Weston (Zebras, etc.), 1930, 272.

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Zebra × St. Helena Waxbill, Hodgson (two reared), 1900, 74.

Bicheno × Zebra, Balham Show, 1900, 62.

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THE GRASSFINCHES, Decoux, 1924, 199 (AVIC.); . . . SQUATTING GRASSFINCHES . . . RP. (on *acuticauda* and *personata*), 1897, 185, *210; GRASSFINCHES IN MY AVIARY, L-K. 1914, 243; AUSTRALIAN FINCHES AND BIRDS OF OTHER DAYS, HDA. 1917, 167; Payne and Wallace's importations, *see Gouldian F.* (76).

*Ornamentation of the mouths of young Grassfinches, 1907, 81, and *see Gouldian Finches* (76).

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Rufous-tailed Grass-finch, *Bathilda ruficauda*

C.P. Feb., first appearance, 1895, 51; 1896, 70; AGB. 1895, 86; Fullj. 93; *1898, 58; "imported in immense numbers," 1904, 57; THE RUFOUS-TAILED GRASS-FINCH, SS. 1899, 61, PLATE; *"have

Grass-finches

been bred," 1899, 96, 100 ; BREEDING OF THE . . . Nicholson (reared), 1901, 219, *233 ; Medal, 1902, xii, 37 ; THE BREEDING OF THE "RUFICAUDA," Farrar, 1905, 106 ; ON BREEDING *B. ruficauda*, Gladstone, 1908, 30.

*Name : "Starfinch," 1905, 235.

*A *ruficauda* sport (?), 1905, 235.

On PLATE, 1923, 174.

HYBRID . . . CRIMSON AND STAR FINCHES, HDA. 1910, 79, PLATE ; Letter, AGB. 134. (*They were bred in Italy but killed by a severe frost, HDA. 1909, 200.)

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THE LONG-TAILED GRASS-FINCH, *P. acuticauda*, SS. 1900, 257, PLATE, 1901, 19, 27 (*hecki*) ; were bred by Todd in 1897, Medal, 1899, xi, 1900, xi ; *hecki* and *acuticauda*, SS. 1911, 242, 270.

Hybrids

Long-tailed × Masked Grass-finch, reared, 1906, 364.

Parson × Long-tailed G-f., reared, 1900, 212.

THE MASKED GRASS-FINCH, *P. personata*, RP. 1900, 259, PLATE ; bred by Hawkins in 1900 ; Medal, 1902, 37 ; Breeding (not reared), 1906, 76.

THE WHITE-EARED GRASS-FINCH, *P. leucotis*, RP. 1898, 169, 185, PLATE.

Parson-finch, *P. cincta*. Hybrid, see LONG-TAILED G-f. above.

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Gouldian Finches

Bred, St. Q. 1895, 46 ; 1896, 46 ; *On breeding, 1898, 135 ; *Sex, mating, food, 1900, 37 ; THE GOULDIAN FINCH, Wiener, 1901, 1, *127 ; BREEDING GOULDIAN FINCHES, Douglas, 1901, 103 ; Various notes, 1901, 63, 82, 118, 163, 213 ; *Black-headed Gouldians nesting successfully, 1902, 56, *146 ; 1903, 37 ; *Gouldians, 1903, 337 ; *Is the Gouldian polygamous ? AGB. 1906, 317 ; *Prolific Gouldians, 17 young reared by one pair, 1916, 69 ; BREEDING GOULDIAN FINCHES, Duchess of Wellington, 1922, 39 ; Macklin, 1928, 36.

*Young Gouldians, 1902, 303 ; THE ORNAMENTATION OF THE MOUTH OF YOUNG GOULDIAHS, AGB. 1899, 25 ; . . . NESTLING GOULDIAHS (bill-warts, etc.), AGB. 1907, 124 ; NESTLING GOULDIAN FINCHES, Lienau, 1918, 207 ; ANCESTRAL CHARACTERS OF NESTLINGS AGB. 1918, 211, 234.

THE MUTATION OF THE GOULDIAN FINCH, AGB. 1906, 326 ; *Mutations (?), 1906, 80.

Gouldian with a gamboge head, Astley has one, 1905, 203, 236, 259, 291 ; 1906, 116 ; *A freak Gouldian, one side male, the other female (Harvey's), 1926, 286 ; 1928, 79, 120, the skin shown at the Zoological Society ; *Hen in cock's plumage, 1930, 59.

One 7 years old, 1930, 26.

*Gouldians and warmth, 1895, 38 ; *Diseased feet, 1895, 48.

. . . TREATMENT OF NEWLY-IMPORTED GOULDIAN FINCHES, St.Q., 1896, 163, *173, 1897, 17, 60, 150.

*1,200 Australian Finches with Mr. Housden, 1905, 293 ; another lot, 1906, 156 ; *Payne and Wallace's importation of Gouldians, 1907, 191 ; A VISIT TO MESSRS. PAYNE AND WALLACE AT BATH, HDA, 1907, 200 ; a visit to their collection in Australia, SS. 1908, 186.

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Painted Finch, *Emblema picta*

Astley has just received a pair, 1905, 203 ; *he has one, 1907, 232 ; at C.P., 1908, 169 ; a pair LCBA. Dec. 1908, 1909, 109 ; "are nesting," Blaauw. 1910, 289 ; *re* THE BREEDING OF THE . . . RP. (hatched but not reared), 1911, 63, 91.

Crimson Finch, *Neochmia phaeton*

*Letters, 1899, 58, 72, 100, 112 ; *three reared at the Zoo, SS. 1912, 342.

Fire-tailed Finch, *Zonaeginthus bellus*

C.P. 1909, 170 ; *A number have arrived, SS. 1911, 240.

Sydney Waxbill, *Aegintha temporalis*

THE AUSTRALIAN WAXBILL, RP. 1902, 289 (bred) ; Medal, 1904, 19.

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Parrot-finches, *Erythrura*

THE PARROT-FINCH, HRF. 1895, 13 ; SS. 1902, 59, PLATE.

*Sexing Parrot-finches, 1897, 100, 119, 183 ; *Wiener believes he had the first pair ever imported, "about 20 years ago." 1897, 119 ; *Letters, 1897, 166 ; Breeding, 1898, 199 ; 1899, 21 ; *Notes on Parrot-finches, 1906, 77 ; *Precocious Parrot-finches, 1909, 52.

*A hybrid, *psittacea* × *trichroa*, at Balham Show, 1900, 136.

Three-coloured Parrot-finch, *E. trichroa*

Todd has it, 1898, 7 ; Bred (Temple), 1910, 225 ; Tavistock has 13, 1920, 124.

Peale's Parrot-finch, *E. pealei*

Zoo (new, Bahr's), 1911, 268 ; the Fijian Parrot-finch (*E. pealei*), Bahr, 1912, 49, PLATE ; *Reared two young at Zoo, SS. 1912, 342 ; ON FIJI PARROT-FINCHES AND . . . "An Australian Bird-lover," 1916, 279.

Pintailed Nonpareil, *E. prasina*

AGB. (Paddy-rice : oats as substitute), 1898, 38 ; THE PIN-TAILED NONPAREIL, AGB. 1909, 296 ; Finn, 1912, 327, PLATE.

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Green Avadavat

*1898, 57, 76 ; THE BREEDING OF THE . . . (three reared), Tesch, 1906, 70, Medal, 158.

Avadavat

*Breeding records, 1897, 35 ; 1899, 24 ; THE BREEDING . . . Davis, 1929, 241 ; . . . MOULT AND ASSUMPTION OF BREEDING PLUMAGE. Page, 1899, 162.

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Waxbills

MY SMALL FOREIGN FINCHES, HRF. 1895, 72.

FOREIGN FINCHES IN CAGES, Wiener, 1896, 150 (*Waxbills, etc.*);

*Waxbills in a cage, 1903, 223.

"WAXBILLS, GRASSFINCHES AND MANNIKINS," HRF. *Review*, 1897, 194.

FOREIGN FINCHES AND WAXBILLS, Gibbard, 1919, 96.

WAXBILLS, MANNIKINS, AND AUSTRALIAN FINCHES, Découx, 1923, 190, PLATE, 218 (AVIC.).

*Grass-seeds for Waxbills, 1899, 99; *Delicacy, Rattigan, 1923, 240, *1924, 11, 88, 107, 144; PLATE of Waxbills, 1923, 13.

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Firefinches, *Lagonosticta*

"A youngster has flown," Farrar, 1898, 212; Medal for breeding in 1898, 1900, xi; *Bred, 1900, 34; 1904, 118; 1930, 277.

SOME FIREFINCHES AND OTHER GAMBIAN BIRDS, EH. 1916, 55, 113, 312.

*Firefinches at liberty, 1926, 345.

THE BROWN-HEADED FIREFINCH

BREEDING IN FRANCE, Découx (two reared), 1926, 335.

Jameson's Firefinch

*Gamage has some, 1927, 27.

Spotted Firefinch, *L. rufopicta*

*At C.P. 1904, 69, 103, 164 (Hawkins'); THE BAR-BREASTED F. *L. rufopicta*, Silver, 1916, 35; EH. 55.

Peters' Spotted Firefinch, *Hypargos niveiguttatus*

*At C.P. 1903, 178; 1904, 164.

PETERS' SPOTTED FIREFINCH, SS. 1905, 119, PLATE.

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Dufresne's Waxbill

*Todd has it, 1898, 7, note on, 59; at C.P. 87; on PLATE, 1923, 174.

Orangecheek Waxbill

NESTING OF THE . . . Alderson, 1902, 65, Medal, 1903, 53; "has been bred occasionally in Germany," AGB. (and ? by Gedney), 1903, 38.

*One 8½ years old, 1897, 2; 1898, 100.

Zebra Waxbill

*Golden-breasted Waxbills reared, 1904, 82.

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Estrilda

St. Helena Waxbill

BREEDING . . . IN INDIA, Davis, 1930, 289.

Hybrids: "St. Helena × Common Waxbill have a nest full of young ones," Farrar, 1896, 139; *see also* Cordon-bleu (84) and Zebra-finch (72).

Grey Waxbill (Common W.)

BREEDING OF THE . . . Bainbridge (reared), 1914, 83.

Hybrid with *rhodopyga*, q.v.

E. rhodopyga

(A probable *rhodopyga*, 1903, 249 ; a hybrid \times *cinerea*, reared, Baldelli, 1903, 405.

E. xanthogenys, W. Sel.

*A new Waxbill, 1926, 342 ; 1927, 24 ; at C.P. 1927, 86.

Black-cheeked Waxbill, *E. erythronota*, on PLATE 1923, 174.

Vinaceous Waxbill, *E. vinacea*

*At C.P. (Hawkins'), 1904, 164 ; a hen at LCBA. 1909, 109 ;
" *L. larvata* " at C.P. 1907, 149 (? = *vinacea*, EH.).

THE VINACEOUS FIREFINCH, EH. 1916, 113.

Lavender Waxbill, *E. caerulescens*

NESTING OF LAVENDER FINCHES, Alderson (one reared), 1901, 45, 82 ;
Medal, 1902, 37 ; THE BREEDING OF THE LAVENDER FINCH AT LIBERTY,
Tavis, 1926, 324.

Grey-tailed Lavender, *E. incana*, *Allon had it, 1897, 124.

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Cordon-bleus

THE CORBON-BLEU, RP. 1899, 141 ; CORDON-BLEUS, Mrs. Barber,
1900, 9.

Hybrids

BREEDING OF BLUE-BREAST \times CORDON . . . Amsler (reared), 1913,
350.

CORDON-BLEU \times ST. HELENA WAXBILL HYBRIDS, Campbell, 1917,
340 (also bred *vice-versa*).

BREEDING OF VIOLET-EARED WAXBILL \times CORDON-BLEU HYBRIDS,
Découx (the young died at about 12 days), 1919, 102. (*There is an
error in the heading of the Article—CRIMSON-EARED for VIOLET-EARED.*)

BREEDING OF MELBA \times CRIMSON-EARED WAXBILL HYBRIDS,
Découx (two broods reared), 1919, 110.

Blue-breasted Waxbill, *E. angolensis*

"New," 1897, 196 ; THE BLUE-BREASTED WAXBILL, RP. 1903,
120, PLATE ; BREEDING OF THE . . . RP. (reared), 1909, 339.

Violet-eared Waxbill, *U. granatinus*

*Moerschell has it, 1895, 89 ; Mrs. Reid in Madeira, 1897, 151, 183 ;
*imported, 1903, 403.

THE VIOLET-EARED W., RP. 1906, 295, PLATE ; 1907, 325 ; *Eggs,
RP. 1906, 204 ; Miller, 1907, 152.

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Melba Waxbill

*Moerschell has it, 1895, 89 ; **Pytelia melba and afra*, 1899, 64 ;
Plain plate, 1912, 120 ; on PLATE, 1923, 174.

Finches

Wiener's Waxbill, *Pytelia afra*

*Moerschell kept it (SOME RARE FINCHES), 1895, 89 ; *At C.P. 1899, 16, 90, 164 ; *The Red-faced Finch, *P. afra*, 1900, 115, 137 ; *A rare African Waxbill (*afra*), 1903, 403.

Finches, *Fringillidae*

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THE *FRINGILLIDAE*, 1897, 1 ; THE CULTURE OF FINCHES, AGB. (PRACT. BIRD-KEEPING), 1911, 103 ; THE TYPICAL FINCHES, AGB. 1924, 15, 42, 98, 120, 129, 149, PLATES (AVIC.).

HYBRID *FRINGILLIDAE*, Silver, 1911, 349, 350 (List).

*List of Finches which never have been kept, EH. 1926, 160, *228.

THE GROSBEEKS, HRF. 1896, 24, 53, 99, 153, 163 ; Découx (AVIC.), 1924, 71, 94, 114.

The Greenfinch, HRF. 1896, 24 ; *Song, AGB. 1896, 48.

Chinese Greenfinch, HRF. 1896, 25 ; THE BREEDING OF THE . . . SB. (two reared), 1916, 34.

The Hawfinch, HRF. 1896, 26 ; NESTING OF THE . . . Tesch. (two reared), 1912, 28, Medal 78 ; THE HAWFINCH AS A PET, Cooper, 1921, 104.

The Black-tailed Hawfinch, HRF. 1894, 12, 104 (nested) ; 1896, 26.

THE JAPANESE HAWFINCH, *E. personata*, SB. 1930, 314 (young hatched ; died at 12 days).

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Rose-breasted Grosbeak

NESTING OF THE . . . HDA. (one reared, but a cripple), 1911, 333 ; Medal, 1912, 78 ; THE ROSE-BREASTED G. HDA. 1915, 81, PLATE.

Black-headed Grosbeak, *Z. melanocephala*, NESTING OF THE . . . SB. (two nests ; one young bird reared), 1930, 314.

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Pheucticus

The Yellow-bellied Grosbeak, *Ph. chrysogaster*

HRF. 1896, 26 ; BREEDING OF THE . . . Brook ("young now feeding themselves"), 1917, 28.

Golden-bellied Grosbeak, *Ph. aureigaster*, Zoo, 1904, 203.

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Blue Grosbeaks

The Dark-blue Grosbeak, *Guiraca cyanea*, HRF. 1896, 27 ; NESTING OF THE BLUE GROSBEEK (*cyanea*), Tesch (two reared), 1910, 64, *255 ; Medal, 1911, 162.

G. parellina, Allon has one, 1897, 122.

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THE TROPICAL SEED-FINCH, 1908, 149, *189 ; HDA. 1910, 180 ; ON THE BREEDING OF THE . . . Blaauw (one reared), 1918, 40.

Cuban Black Bullfinch, *Melopyrrha nigra*, New Zoo, 1913, 121 ;
THE BLACK CUBAN SEED-FINCH, SB. 1919, 57, photo (SB. bred it in
1914, see *BIRD-NOTES*).

Red-throated Grosbeak, *Loxigilla noctis*, on PLATE, 1924, 40.

THE JACARINI FINCH (*Volatinia*) HRF. 1896, 153.

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Spermophila and Phonipara

HRF. 1896, 53 ; *SPERMOPHILA* AS A POTENTIAL WEAVER, AGB.
1908, 88.

SUCCESSFUL NESTING OF THE WHITE-THROATED FINCH, Farrar,
1905, 358.

Guttural Finch, *1898, 20 ; THE GUTTURAL FINCH, Brook (" young
now on the wing "), 1917, 28.

Phonipara

*Position of the *genus*, AGB. 1906, 153.

Cuba Finch, nesting (eggs only), Simpson, 1895, 11 ; HRF. 1896
99. Was bred by Hawkins in 1900, 1902, 37.

The **Olive Finch**, *lepida*, RP. 1908, 163, Plate (and on *Phonipara*
generally).

THE LITTLE FINCH, *Ph. pusilla*, RP. 1900, 191, 257 (one young bird
left the nest on Nov. 18, and died Dec. 17).

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Red Cardinals (Grey and Green Cardinals, see (112). See also
THE GROSBEEKS, DÉCOUX (86).

THE VIRGINIAN CARDINAL, HRF. 1896, 163 ; *Song, 1897, 18.

BREEDING VIRGINIAN CARDINALS, Farrar, 1899, 2 ; HDA. 5.
Other records : 1895, 90 (Savage) ; 1902, 11, 34 (" . . . 3 reared ")
1902, 232 (one reared) ; 1904, 53 (" reared ").

*Baldness, 1895, 79.

Freak Red Cardinals (*yellow-marked*), 1924, 323, PLATE ; *Abnormal
coloured Red Cardinals, 1929, 20.

Hybrids

*Red × Green, " two young 3 days old at time of writing," Verrall,
1898, 180 ; " one 6 months old," Barnett, 1927, 105.

Venezuelan Cardinal, *C. phoeniceus*, Astley has one, 1906, 291.

THE THICK-BILLED CARDINAL, *Pyrrhuloxia sinuata*, HRF. 1896,
154 ; at C.P. 1896, 74 ; 1897, 154 ; Chapman has some, 1927, 113.

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Chaffinches

THE CHAFFINCH, Bonhote, 1897, 29 ; CHAFFINCH NESTING IN
CAPTIVITY, Page, 1900, 8.

A CHAFFINCH SINGING MATCH, Rettich, 1897, 114.

Hybrids :—*Chaffinch-Canary hybrids (?), 1908, 241 ; *Two
Chaffinch × Canary mules reported reared (*DIE GEFIEDERTE WELT*),
1925, 324.

Bramblefinch-Chaffinches hybrids bred by Miss Reeves (*both ways*).
Silver, 1911, 349, PLATE.

THE MADEIRAN CHAFFINCH, AGB. 1896, 117.

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THE BLUE CHAFFINCH, *F. teydea*, M-W. 1895, 103 ; HDA. 1912, 195.

THE BRAMBLING, Bonhote, 1897, 110.

Hybrids :—see Chaffinch above.

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THE LINNET, Verrall, 1897, 129 . . . AS A SONGSTER, Bentley, 1912, 242.

THE LINNET (*poem*), T.G.L. 1897, 164.

Twite

TWITES BREEDING IN CAPTIVITY, Swailes (two reared), 1895, 118.

Hybrids :—See under Redpolls, Goldfinch, etc.

Redpolls

THE LESSER REDPOLL, Swailes, 1897, 68.

. . . IN BERKSHIRE, Proctor, 1905, 313.

COLOUR OF REDPOLL IN CONFINEMENT, Wormald, 1909, 359.

Hybrids :—Lesser R. × Twite ("7 hatched, one reared by Azario in London"), Silver (TWO INTERESTING HYBRIDS), 1919, 12.

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Goldfinches

THE GOLDFINCH, Bonhote, 1898, 9; 1905, 21, PLATE ; THE EUROPEAN GOLDFINCH, AGB. 1916, 99, photos.

*Food for young . . . Goldfinches, 1897, 38.

MORTALITY AMONG GOLDFINCHES, Sich, 1919, 131.

Hybrids :—Goldfinch × Twite, three reared in Scotland *teste* Silver 1919, 13.

Twite × Goldfinch, Silver has one, 1919, 98.

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Siskins

THE SISKIN, Marshall, 1897, 50 ("has been bred").

Black-headed Siskin, *S. ictericus*

Castellan, 1897, 49 ; *Hybrids with Canary hen bred, 1927, 279, 1928, 49.

Hooded Siskin, *S. cucullatus*

*1902, 123 ; THE . . . HDA. 1903, 47, PLATE, *115 ; BREEDING OF THE . . . Amsler (one reared), 1913, 51, 156 ; Medal, 1914, 178.

A PURCHASE IN SANTA CRUZ (*a Red Siskin*), HDA. 1924, 103.

*Hooded Siskin Mules, 1920, 150 ; *four hybrids with hen Canary reared, Sich, 1927, 202 ; 1929, 332 ; . . . are fertile, bred again with the hen Canary, Sich, 1928, 300.

Citril Finch, letters, 1896, 142.

THE AMERICAN SISKIN (*A. tristis*), SS. 1899, 126, PLATE.

Arizona Siskin, *A. psaltria*, SB. has had it, 1927, 227.

THE HIMALAYAN SISKIN (*spinoides*), SS. 1919, 92 (bred ; three reared) ; *Identity, 1920, 181.

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Serins

ON CERTAIN SERINS . . . AGB. 1901, 169.

THE SERIN FINCH, Perkins, 1896, 152 ; SERIN FINCHES BREEDING IN CONFINEMENT, Swailes, 1898, 14 ; EGGS OF SERIN FINCHES, AGB. 1903, 327.

Canaries

*The Canary as a Song-bird, 1895, 108 ; *The early history of the Canary, 1917, 183, 211.

Hybrids :—see Hooded Siskin, Grey Singing Finch, Saffron Finch, etc.

The Wild Canary, *1897, 211 ; 1899, 74 ; *Notes on the . . . 1905, 380 ; 1906, 45, 81, 115.

Grey-necked Serin (Cape Canary)

Hybrids with the hen Canary bred, 1899, 59 ; and see *Alario* below.

Sulphur Seed-eater

NESTING OF THE . . . Tesch, 1910, 292 ; Medal, 1911, 162. (*Later this was found to be an error, the birds bred being hybrids, Sulphur × White-throated Seed-eaters ; see 1911, 52, 74.*)

THE ST. HELENA SEED-EATER, *S. flaviventris*, AGB. 1902, 216 ; BREEDING OF THE . . . SB. (young reared in 1925), 1926, 328.

Hybrids with hen Linnet reared, 1915, 67.

THE GREEN SINGING FINCH, Catleugh, 1897, 66 (bred) ; *Hybrid Green × Grey Singing Finches reared, 1903, 304.

Bearded Seed-eater

THE NESTING OF THE "BEARDED SEED-EATER" AND OTHER BIRDS (none reared), Ashford, 1900, 5. (*A mistake made ; the pair was a White-throated " Finch " (? = " Seed-eater " EH.) and a hen Canary, 1903, 147.*)

Black-faced Serin, *S. capistratus*, C.P. 1909, 170.

Grey Singing Finch, *Poliospiza leucospiza*

Hybrids :—Green × Grey S.Fs. reared, 1903, 304 ; hybrids with the hen Canary have been bred, 1927, 278.

Yellow-rumped Serin, *P. angolensis*

NESTING OF THE . . . Tesch (one reared), 1907, 198 ; Medal, 344.

White-throated Seed-eater, *P. albogularis*, see under Sulphur Seed-eater above.

Gold-fronted Finch, *Serinus pusillus*, some have arrived, 1904, 57.

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Alario

Two young reared, HRF. 1896, 173 ; THE ALARIO, HRF. 1897, 107, 200 ; *"avoid millet," 1897, 75, 147.

Hybrids :—*Alario × Canary bred, 1899, 59 ; *Description of a hybrid Cape Canary and Alario bred at Port Elizabeth, 1906, 134.

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Trumpeter Bullfinch

THE DESERT TRUMPETER-BULLFINCH, M-W. 1896, 87 ; " failed to rear, the first time for many years," M-W. 1900, 76 ; *Desert Bullfinches reared, Sich, 1927, 202.

Anomalospiza butleri, *A rare finch. Sich has three, 1926, 193 ; nested unsuccessfully, 323.

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Saffron Finches, *Sicalis*

THE SAFFRON FINCH, AGB. 1897, 127.

"A probable canary \times Saffron hybrid" (Impossible Mules), AGB. 1899, 20 ; Butler's Canary-Saffron hybrid at the C.P. 1899, 92.

Lesser Saffron Finch, *S. minor*, BREEDING OF THE . . . Amsler. (two reared), 1916, 25.

THE YELLOWISH FINCH, *S. arvensis*, AGB. 1905, 97 ; (1899, 79) ; . . . BRED, SS. 1906, 340.

Pelzeln's Saffron Finch

NESTING OF . . . Tesch (reared), 1909, 298 ; Medal, 1911, 162.

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Sparrows

*Our British Weaver-bird—the Sparrow, 1898, 183.

SPARROW CLUBS, Hutchinson, 1917, 276.

THE CAPE SPARROW (*arcuatus*), SS. 1901, 165, PLATE, bred, 215 ; Medal, 1902, xii, 37.

THE GREY-HEADED SPARROW, *P. diffusus*, AGB. 1896, 5 ; NESTING OF THE . . . Tesch 1910, 238 ; Medal, 1911, 162.
(probably = the West African *griseus*, EH.)

Benguella Sparrow, *P. jagoensis benguellensis*, BREEDING OF THE . . . SB. (one reared), 1923, 227.

THE CINNAMON TREE-SPARROW, Perreau, 1909, 201 ; . . . NESTING, Tesch (young reared), 1909, 205 ; Medal, 1911, 22.

Tree-sparrow, hybrid : see Yellow Sparrow below.

Rock-sparrows

*A murderous Rock-sparrow, 1897, 54.

THE YELLOW-THROATED ROCK-SPARROW (*petronella*), M-W. 1897, 28.

THE LESSER ROCK-SPARROW, AGB. 1903, 294.

Yellow Sparrow, *P. luteus*

NESTING OF THE . . . (one reared), Williams, 1905, 75 ; Medal, 118.

*A hybrid, *P. montanus* \times *luteus* reared, Suggitt, 1907, 95.

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Rose-finches

Ruddy Finch, *Carpodacus mexicanus*

Bred by Tesch 1911, 52 ; NESTING OF THE MEXICAN ROSE-FINCH (two reared), SB. 1925, 278, *325 ; *1926, 20.

C. vinaceus, *1909, 301.

Pink-winged Rose-finch, *Rhodospiza obsoleta*, at C.P. 1924, 63.

JAPANESE ROSE-FINCHES, *Uragus sanguinolentus*, C. Ingram, 1909, 241.

Sepoy Finch, *Recovers its colour, 1921, 184.

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THE PINE GROSBEEK, AGB. 1897, 1 PLATE; BREEDING . . . IN CAPTIVITY, St.Q. (reared), 1907, 55; Medal, 110.

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THE CROSSBILL AGB. 1895, 104; NOTES ON THE BREEDING OF THE . . . Silver, 1911, 109 PLATE, "were bred at Tunbridge Wells in 1910, and lived to moult at any rate. Cutting quoted recording their breeding in Scotland in 1887 (three young a week old)"; MORE NOTES ON THE CROSSBILL, Currey, 1911, 340.

*Crossbills in captivity, Tuck, 1910, 340.

*Food of . . . (wild) 1927, 275.

*Crossbills in Kent, Aug. 31, Thomasset, 1898, 212; at Worthing, Aug. 1898, SS. 1899, 24.

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THE BULLFINCH, Rettich, 1897, 5; BULLFINCHES, Currey, 1912, 136; ON BULLFINCHES AS DECOYS, Leake, 1914, 85; A TAME BULLFINCH, Currey, 1914, 335.

*Food for young Bullfinches . . . 1897, 38.

Pyrrhula griseiventris, Zoo, 1904, 302.

Red-headed Bullfinch, *Ezra has some, 1914, 259; THE . . . HDA. 1915, 169, PLATE; NESTING OF THE . . . Bright (eggs only), 1917, 203.

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Buntings

Reed-Bunting, Teschemaker reports having bred it, 1911, 52.

Black-headed Bunting, *E. melanocephala*. *Supposed to have been bred at the Zoo, but "the young bird is a hen Cutthroat," SS. 1900, 37, 38.

*At C.P. 1902, 93.

Red-backed Bunting, *E. rutila*, Zoo, 1900, 59.

Red-backed Bunting, *E. luteola*, 1901, 61.

Sulphury Bunting, *E. sulphurata*, new to Zoo, 1900, 254.

Golden-breasted Bunting, NESTING OF THE . . . Jackson (young hatched, but died), 1930, 306; *It was bred by Martin in 1911 (one reared), 1930, 340.

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THE MOORISH HOUSE-BUNTING, *Fringillaria saharae*, M-W. 1896, 52. *F. tahapisi*, C.P. 1907, 149.

Tisa "has been kept at the New York Zoo", 1926, 228.

Black Crested Bunting, *Melophus melanicterus*, C.P. 1904, 70, 103.

Lark-Bunting, *Calamospiza bicolor*, Zoo, 1903, 183.

Spizella pusilla. SOME RARE BUNTINGS, Todd, 1898, 44.

Song-sparrows

Zonotrichia albicollis, SOME RARE BUNTINGS, as above.
Z. canicapilla, "new to aviculture," 1897, 197.

Chingolo Song-sparrow, *Z. pileata*

NESTING OF THE . . . Tesch (reared), 1908, 26 ; Medal 216 ;
*One 14 years old, 1921, 62.

Four hybrids, *Z. leucophrys* × *pileata*, bred SS. 1905, 331.
Z. leucophrys, Hybrids : See above.

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Indigo Bird

THE BREEDING OF THE . . . Farrar, 1900, 270 ; Medal, 1901, x.
Hybrids :—HYBRID BUNTINGS (Indigo × Nonpareil), Thomasset
(two reared), 1915, 380. (*I saw one still flourishing in the summer of*
1930, EH.)

Nonpareil Bunting

THE . . . Finn 1912, 325, PLATE ; *Nesting of the . . . Farrar
(bred), 1899, 165 ; Medal, 1900, 270, 281 ; *Nonpareils (nesting ;
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PETER, MY PAINTED BUNTING (*A Nonpareil*), Craig, 1913, 245.

Rainbow Bunting, *C. leclancheri*

THE . . . SS. 1909, 220 ; on PLATE, 1923, 13.

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PLATE (*with other Buntings*), 1924, 46 ; C.P. 1925, 109.

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THE TOWHEE, Todd, 1898, 43 ; Pearson, 1916, 45, PLATE.

*Three species of Towhee now at Zoo, 1911, 69.

Albert Towhee, new to Zoo, 1911, 69.

Green-tailed Towhee, *Oreospiza chlorura*

New to Zoo, 1911, 69 ; *Oreospiza* has been kept at the New York
Zoo, 1926, 228.

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Diuca Finch

NESTING OF THE . . . Alderson (one young one lived till November),
1901, 177.

Pileated Finch

Reported to have bred (H.W.), 1905, 341 ; NESTING OF THE . . .
Williams (young reared), 1906, 30 ; Medal, 118 ; BREEDING OF THE
. . . SB. ("were first bred in 1905"), 1928, 17.

*Bald patches on a . . . , 1900, 210.

Red-crested Finch

BREEDING . . . IN FRANCE, Découx (seven reared), 1927, 22.

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Orchard Finch, *Phrygilus fruticeti*

NESTING OF THE . . . SB. (one reared), 1920, 125.

Aldunati's Finch, Zoo, 1911, 159.

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Arremonops and *Atlapetes* have been at the N.Y. Zoo, 1926, 228.
THE CHESTNUT-HEADED BUARREMON, G. H. Gurney, 1927, 90.

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Grey Cardinals (*Paroaria*); Red Cardinals, No. 92.

The Red-crested Cardinal, *P. cucullata*

One 25 years old, 1914, 119; 1927, 111.

RED-CRESTED CARDINALS AT LARGE AT WOBURN, 1908, 53.

The Pope, *P. dominicana*

NOTES ON THE NESTING OF . . . AGB. 1904, 267; Photo of a Pope on nest, 1913, 391.

Hybrid Pope and Grey Cardinal (Woburn), 1910, 37.

Yellow-billed Cardinal (*capitata*)

NESTING NOTES ON THE . . . Rattigan (bred), 1921, 133, *125, 175; "I bred them in 1911," Amsler, 1921, 160.

P. cervicalis, among "Rare arrivals", 1904, 57.

THE SMALLER RED-HEADED CARDINALS, *P. capitata* and *cervicalis*, AGB. 1904, 63.

P. nigrigenis, Zoo (apparently new), 1907, 245; LCBA. Show. 1912, 63.

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Green Cardinal

*Bred (Moerschell and Farrar), 1897, 211; Hybrids, see Red Cardinal, No. 92.

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ON SUNBIRDS, HDA. 1913, 254; SOME OF MY SUNBIRDS, Ezra, 1913, 289, 333; MY SUNBIRDS AVIARY, A Lover . . . (9 *species kept*), 1914, 89; SUNBIRDS . . . Brook, 1915, 115; . . . IN THEIR NATIVE HAUNTS, Blaauw, 1916, 106; AFRICAN SUNBIRDS, Mrs. Bourke, 1918, 61; SUNBIRDS IN CAPTIVITY: PAST, PRESENT, AND FUTURE, EH. 1918, 153; SUNBIRDS, Delac. 1924, 309, PLATE (AVIC.); Mrs. Bourke, 1928, 83; SUNBIRDS AND TANAGERS IN OUTDOOR AVIARIES, Tavis. 1929, 56.

*Sunbirds at the C.P. 1906, 172, 209; *New Sunbirds, 1913, 156; 1927, 26 (two new *species* at Gamage's).

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Malachite Sunbird, *Nectarinia famosa*, Ezra, 1913, 334.

THE BEAUTIFUL SUNBIRD, *N. pulchella*, Chawner, 1929, 53, PLATE.

Purple Sunbird, *A. asiatica*, C.P. 1903, 180; THE PURPLE S . . . Maxwell, 1911, 201, plain plate; NESTING OF THE . . . IN CAPTIVITY, Brook, 1913, 327.

SEASONAL CHANGE . . . (*A. asiatica* . . .), Finn, 1899, 41.

Amethyst-rumped Sunbird, *A. zeylonica*, Ezra, 1913, 289.

THE GREATER AMETHYST SUNBIRD, *Cinnyris amethystina*, Ezra, 1913, 333; THE AMETHYST S. HDA. 1914, 231, PLATE; Ezra, 232, *286.

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THE GREATER DOUBLE-COLLARED SUNBIRD, *C. afer*, Ezra, 1913, 334; *One dies after 10 years in confinement, Mrs. Bourke, 1929, 331.

THE LESSER DOUBLE-COLLARED S., *C. chalybeus*, Ezra, 1913, 334.

THE SOUTHERN BIFASCIATED SUNBIRD, *C. mariquensis*, Porter, 1929, 54.

THE SCARLET-BREASTED SUNBIRD (*gutturalis*), SS. 1921, 58.

THE COLLARED SUNBIRD, *Anthreptes collaris*, Pocock (two now at the Zoo), 1920, 159.

THE BLACK-BREASTED YELLOW-BACKED S., *Aethopyga saturata*, Ezra, 1913, 290, plain plate.

THE HIMALAYAN YELLOW-BACKED S., *Ae. seheriae*, Ezra, 1913, 333, PLATE; 1914, 89.

The Firecap, *Cephalopyrus flammiceps*, *A pair at LCBA. 1914, 118.

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White-eyes

**Zosterops*, 1897, 80, 99; THE ZOSTEROPS, Farrar, 1901, 157; THE GENUS ZOSTEROPS, AGB. 1916, 73, photos.

ZOSTEROPS GOING TO NEST IN CAPTIVITY, West (eggs), 1905, 335 (and see below).

Chinese White-eye, *Z. simplex*, THE CHINESE SPECTACLE-BIRD, AGB. 1898, 204, PLATE; The White-eye, Hampe, 1923, 177.

Indian White-eye, *Z. palepbrosa*, BREEDING OF THE . . . Page (three reared), 1912, 114, Medal, 145.

Natal White-eye, *Z. virens*, BREEDING OF THE AFRICAN WHITE-EYE, "*Z. viridis*" L-K. (two reared), 1915, 273; should be "*virens*", 355.

Yellow-fronted White-eye, *Z. flavifrons*, *One brought by Frost, "new," 1930, 308.

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FLOWERPECKERS, De.ac. 1924, 315 (AVIC.).

Dicaeum hirundinaceum, Zoo, 1913, 314.

NESTING HABITS OF THE MISTLETOE-BIRD, Lawrence and Littlejohn (from the EMU), 1916, 171.

D. cruentatum, Scarlet-backed Flowerpecker, Zoo, 1903, 185.

D. ignecolle, Flame-breasted F. New, Zoo, 1909, 330; 1913, 314.

D. tickelli, Zoo, 1903, 145.

Spotted Pardalote, *Pardalotus punctatus*

*Was imported by Abrahams in 1882, AGB. 1899, 179; THE SPOTTED PANTHER-BIRD, AGB. 1900, 165, PLATE; NOTES ON THE . . . Roberts, 1900, 167, *211.

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Honey-eaters, *Meliphagidae*

HONEY-SUCKING BIRDS, Delac. 1924, 307 (AVIC.).

*Food for Honey-sucking birds, Finn, 1897, 99; *Honey-eaters: food, Carrick, 1900, 231 (and see Tanagers (38)).

HONEY-EATERS, Campbell, 1903, 347, photos; *Honey-eaters I have kept, Heumann, 1914, 268; *Honey-eaters and Flowerpeckers, photos (in an Australian aviary), 1924, 171.

Seven species in the Zoo Australian collection brought by Seth Smith, 1908, 269.

THE GARRULOUS HONEY-EATER, *Myzantha garrula*, R. Humphrys, 1897, 21; LPOS. Show, 24; *Housden, 1899, 40; BREEDING THE . . . Suggitt (one reared), 1925, 264.

THE LUNULATED HONEY-EATER, Farrar, 1900, 99.

Yellow-tufted Honey-eater (*auricomis*) C.P. 1899, 19; Zoo, 1900, 13. Grey Honey-eater, C.P. 1899, 19.

The Tui, *1897, 97, 118, 150, 165; The Tui and other pollen-eating birds, St.Q. and others, 180; THE PARSON-BIRD OR TUI, Ainley, 1912, 137; *One was at the Amsterdam Zoo in 1899, 1915, 161.

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Mocking Birds, *Mimidae*

Mocking Birds, *Mimidae*, MOCKING BIRDS, ETC., HDA. 1924, 125 (AVIC.).

The American Mocking Bird, *1899, 167; THE BREEDING OF . . . Farrar ("young left the nest"), 1901, 181; THE AMERICAN MOCKING BIRD AT HOME, Housden, 1928, 41.

Long-tailed Mocking Bird, *Mimus longicaudatus*, *Brought by Goodfellow from Ecuador, 1915, 278.

Mimus triurus, *Astley has one, 1920, 195.

THE BROWN THRASHER . . . *Harporhynchus rufus*, HDA. 1915, 23, PLATE.

Bendire Thrasher, new to Zoo, 1911, 339.

Grey Thrasher, *H. cinereus*, *HDA. 1912, 98.

American Cat-bird (*Galeoscoptes*)

THE NESTING OF THE . . . Farrar ("2 left the nest"), 1902, 226, 285; Medal, 1904, 19.

Verses, 1902, 287.

Thrushes (*Turdidae*)

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THE THRUSHES, HDA. 1924, 206, plain plate (AVIC.).

Whistling Thrushes (*Myiophonus*)

THE BLUE WHISTLING THRUSH, *M. temmincki*, HDA. 1903, 196, plain plate.

Horsfield's Whistling Thrush

A SUPPOSED NEW WHISTLING THRUSH, RP. 1901, 184, 202 (was *horsfieldi*, RP. 1904, 129; THE MALABAR WHISTLING THRUSH, *M. horsfieldi*, Fitzgerald, 1904, 129.

Chinese Whistling Thrush, *M. caruleus*, *HDA. 1922, 71.

Mocking Thrushes, *Mimocichla*

Red-legged Cuban Thrush, *M. rubripes*, *Astley has one, 1909, 173.

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True Thrushes

FIELDFARES AND REDWINGS, Scott, 1926, 106.

Olivaceous Thrush, BREEDING OF THE . . . SB. (one reared), 1924, 255.

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HERMIT THRUSH, HDA. 1909, 99, 177, PLATE; BREEDING OF THE . . . Amsler (one reared), 1927, 334.

Verses, 1916, 289.

WILSON'S THRUSH, HDA. 1909, 181, PLATE.

WOOD THRUSH, HDA. 1909, 103 (. . . FOUR WELL-KNOWN THRUSHES OF N. AMERICA).

Grey-winged Ouzel, *T. bouboul*

*Has arrived, 1904, 57, 104, 116; NOTES ON THE . . . AGB. 1905, 243; 1906, 312, 344; *Bred, Page, 1909, 334.

ON BREEDING HYBRID OUZELS, AGB. 1905, 301 (a hen *T. bouboul* paired with a cock Blackbird got as far (at the time of writing) as young 15 days old).

Argentine Blackbird, *T. fuscater*

NESTING OF THE . . . Thorniley (two reared; a first), 1910, 267; Medal 1911, 22.

Turdus murinus, *Astley has one, 1907, 374.

Tawny Thrush, *T. tamaulipennis*, New Zoo, 1912, 36.

American Robin, *T. migratorius*

. . . BRED IN CAPTIVITY (. . . "beginning to eat unaided"), 1903, 273 (from *SCIENCE, USA*).

THE AMERICAN ROBIN, HDA. 1909, 104; 1915, 30; Naturalization, Letter, Workman, 1910, 104.

Turdus fumigatus, C.P. 1904, 104.

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Rock-thrushes

THE EUROPEAN ROCK-THRUSHES, St.Q. 1910, 157.

ROCK-THRUSHES AT RIVA, Rathborne, 1904, 214.

The Rock-thrush

NOTES ON THE ROCK-THRUSH (*saxatilis*) IN CAPTIVITY, HDA. 1899, 50; THE PIED ROCK-THRUSH (*Monticola saxatilis*), RP. (two reared), 1909, 279, 311; FURTHER BREEDING . . . RP. 1910, 324; *correction of date*, RP. 133; the young plumage of the male, Finn, 1910, 105.

THE BLUE ROCK-THRUSH, HDA. 1897, 101, plain plate; *1903, 339.

(*A blue Rock-thrush from Cuba, HDA. 1909, 173 (? = *what*; ? a *Mimocichla*, *EH.*).

Chestnut-bellied Rock-thrush, *Petrocincla erythrogaster*

New, Zoo, 1912, 1908; THE CHESTNUT-BELLIED BLUE ROCK-THRUSH, HDA. 1913, 253, PLATE.

Blue-headed Rock-thrush, *P. cinclorhyncha*

HDA. 1908, 277 (. . . BIRDS FROM THE HIMALAYAS); THE BLUE ROCK-THRUSH, HDA. 1913, 349, PLATE.

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Ground-thrushes, *Geocichla*

Orange-headed Ground-thrush, *G. citrina*

*Note by HDA. 1909, 333; *Young hatched but thrown out, HDA. 1911, 272; BREEDING OF THE . . . HDA. (one reared), 1911, 368, Medal, 367; Amsler, 1915, 30.

White-throated Ground-thrush, *G. cyanonota*

THE . . . RP. 1904, 179 ; at C.P. 1905, 142 ; 1906, 210.

Celebean Ground-thrush, *G. erythronota*, THE . . . HDA. 1914, 137, Plain plate.

Chestnut-headed Ground-thrush, *G. interpres*, *Some brought by Frost (new), 1930, 308.

Mexican Ground-thrush, *G. pinicola*

THE . . . HDA. (he has a pair), 1912, 118 ; THE MEXICAN PIED GROUND-THRUSH, HDA. 1913, 101, PLATE.

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Chat-thrushes, *Cossypha*

THE WHITE-CROWNED CHAT-THRUSH, *C. albicapilla*, EH. 1920, 176 (*first arrival, 1920, 145).

Cape Robin-chat, *C. caffra*, *Imported by Gamage, 1921, 108.

Noisy Robin-chat, *C. bicolor*, *Gamage, 1921, 108 ; on PLATE, 1924, 226.

Natal Robin-chat, *C. natalensis*, *Gamage's "new", 1927, 26.

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Shamas

THE INDIAN SHAMA, HDA. 1898, 67, plain plate ; THE SHAMA, Harper, 1901, 149 ; HDA. 1907, 163, PLATE ; SS. 1930, 313, PLATE ; *1900, 140, 160 ; 1902, 149 ; 1905, 339 ; 1907, 161.

NOTES ON MY SHAMA, Alderson, 1899, 132 ; MY SHAMA, Low, 1914, 221, photos ; FURTHER EPISODES IN THE LIFE OF A PAIR OF SHAMAS, Low, 1917, 265, photos ; *A third brood of Shammas, Low, 1917, 351 ; *Breeding Shammas, 1918, 137 ; CURIOUS DEATHS OF SHAMAS, Low, 1919, 146 ; A CRAZY MOTHER-SHAMA, S.C. Law, 1924, 105.

*The Shama as a pet, Vernon, 1910, 132 ; OBSERVATIONS ON A PET SHAMA, Bearby, 1926, 61.

THE TAIL OF THE INDIAN SHAMA, RP. 1899, 32.

*Shama catching fish, 1911, 129, 172.

Dhyal-bird

THE DHYAL BIRD . . . HDA. 1898, 148 ; NESTING OF THE DHYAL, Farrar, 1899, 145 ; "bred at the Zoo years ago," RP. 1901, 85.

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Nightingales

*1920, 137.

FOOD FOR NIGHTINGALES AND OTHER INSECTIVOROUS BIRDS, HDA. 1907, 42.

THE COMING OF THE NIGHTINGALE, Tesch. 1917, 185, *261, photos.

THE NIGHTINGALE IN LANCASHIRE, Landless, 1898, 157 ; *In Devonshire, 1917, 289, 320 ; N. seen off South Africa queried, 1903, 283.

NOTES ON THE MIGRATION OF THE SPROSSER AND COMMON NIGHTINGALES, AGB. 1912, 58.

Sprosser

Nightingales breeding in captivity (extract from the *P.Z.S.*, 1851 ; Sgt.-Major Hanley), 1903, 251.

Persian Nightingale, *golzii*, Finn ("imported"), 1910, 240.

Sprosser

*RP. 1898, 197 ; BREEDING OF THE . . . Tesch. (reared), 1911, 317, photo ; Medal, 1911, 367, 370, 1914, 178.

Migration, *see under* Nightingale.

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Robins

THE ROBIN, Marshall, 1895, 74 ; *Age of Robins, 1912, 142 ; ROBINS, EH. (*the name*), 1916, 346 ; and *see* AVIC. HDA. (135).

Temminck's Robin, *Icoturus komadori*, *Has arrived, 1910, 239 ; LCBA. 1911, 77.

Brown-backed Robin, *Thamnobia cambaiensis*

New to Zoo, 1912, 253 ; LCBA. Nov. 1912, 1913, 93, plain plate ; On PLATE, 1924, 226.

White-tailed Blue Robin, *Notodela leucura*, Zoo, 1913, 211.

Red-flanked Bush-robin, LCBA., the first time exhibited, 1914, 118.

THE WHITE-STARRED BUSH-ROBIN, *Tarsiger stellatus*, Bourke, 1921, 105.

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Redstarts

THE REDSTART, AGB. 1902, 190.

Indian Redstart, *Ruticilla rufiventris*, on PLATE, 1924, 226.

Black Redstart

NESTING OF THE . . . Tesch. 1912, 293, 330, photo of nest ; the moult of immature Black Redstarts, Tesch. 1913, 125, 155, 184, 250.

THE BLACK REDSTART AND ITS BREEDING HAUNTS, AGB. 1916, 300, *350.

Blue-headed Redstart, *Phoenicurus caeruleocephala*

The Blue-headed Robin (SOME BEAUTIFUL . . . BIRDS FROM THE HIMALAYAS), HDA. 1908, 279.

Plumbeous Redstart, HDA. 1908, 278 (*same article as the above*).

White-capped Redstart, on PLATE 1924, 226.

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Blue Bird, *Sialia*

THE BLUEBIRD, Beebe, 1908, 47, PLATE ; THE BLUE BIRD IN CAPTIVITY, AGB. 1908, 51 ; *Behaviour of Blue Robins, Amsler, 1927, 343, 1928, 48 ; BLUE ROBINS, Amsler, 1929, 313.

BREEDING BLUE ROBINS, Savage, 1895, 117 ; A Blue Robin's nest, 1899, 151 ; *Failure in rearing usual, 1899, 192.

THE BLUE ROBIN, Currey, 1912, 86 ; *Verses quoted*, 86.

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THE HIMALAYAN RUBYTHROAT, *Calliope pectoralis*, HDA. 1908, 279.

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Stonechat, *Bred by Tesch. 1911, 52 ; 1913, 27.

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THE INDIAN PITTA, *P. brachyura*, RP. 1902, 179, 257, PLATE; *Sex Harper, 1903, 29.

ELLIOT'S PITTA, *Eucichla ellioti*, Chawner, 1929, 131, PLATE.

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THE LYRE-BIRD, Ashby, 1916, 215.

*At Zoo, 1900, 184; 1903, 110 (a hen).

*Male incubating, Le Souëf, 1903, 1913.

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The Oven-bird, *Furnarius*

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Verses, Finn, 1927, 144.

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. . . CHATTERERS . . . etc., Delac. 1925, 163 (AVIC.).

Yellow-vented Cotinga, *Pipreola jucunda*. *Brought by Goodfellow from Ecuador for Brook, 1915, 379.

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THE CUCKOOS, Delac. and Legendre, 1925, 289 (AVIC.).

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*March Cuckoos, Millais, 1905, 229 ; NOTES ON THE CUCKOO, Dalgliesh, 1907, 355 ; 1908, 45 ; CUCKOOS' HABITS IN THE BREEDING SEASON, HDA. 1915, 279.

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*A Cuckoo kept through the winter, 1911, 304; CUCKOOS IN CAPTIVITY, EH. 1918, 31.

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LEVAILLANT'S BARBET, Horsbrugh, 1909, 337, PLATE; *Trachyphonus cafer* imported by Hamlyn, 1920, 166.

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THE RED-FACED BARBET, *Lybius abyssinicus*, SS. 1928, 283, PLATE.

Black-collared Barbet, *L. torquatus*

*Imported by Hamlyn, 1920, 166; by Gamage, 1921, 41.

Little Barbet, *Barbatula pusilla*. *Brought by Webb, 1930, 185.

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C.P. 1899, 19; *Housden, 40; on PLATE, 1925, 200.

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HOOPOES, Delac. and Legendre, 1926, 67 (AVIC.); (RP. see 164).

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THE RED-FACED MOUSEBIRD, *C. erythromelon*, Finn, 1910, 199, PLATE.

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TOURACOUS, Delac. 1925, 284 (AVIC.).

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King Ibis. *Photo, 1908, 44.

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THE RAILS, Delac. and S.B. 1928, 283 (AVIC.).

THE BRITISH RAILS, Farmborough, 1908, 244, 303, *347 ; 1909, 112, 176, 198, 306 ; SOME RAILS AND GALLINULES, S.B. 1918, 21.

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. . . COURLANS, Delac. 1928, 181 (AVIC.).

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*Pheasant-tailed Jacanas, Zoo, 1902, 95; 1903, 215; ON THE POSITION OF THE JACANAS . . . Finn, 1930, 74.

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CARIAMAS, TRUMPETERS . . . AND KAGUS, Delac. 1928, 181 (AVIC.).

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¹ NOTE: Webb brought two from Demarara to the Zoo in the summer of 1931; the first living importation anywhere.—E. H.

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. . . TRUMPETER BIRDS, Mrs. G., 1915, 199/204.

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*Hybrid Geese, 1900, 130; *Hybrid Swan \times Goose, 1918, 101;

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SWANS, Tavis. 1927, 218 (AVIC.).

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Coscoroba Swan. *Bred at Woburn; a first *teste* Ed. 1914, 53.

Whistling Swan, *O. columbianus*

THE TRAGEDY OF THE WHISTLING SWANS AT NIAGARA FALLS, D'Evelyn, 1909, 92.

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GEESE, Tavis. and Blaauw, 1927, 293, plain plates (AVIC.).

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REARING OF THE GREYLAG GOOSE, Portal (eggs from the Hebrides hatched), 1918, 53, photo.

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THE MANED GOOSE, *Chenonetta jubata*, Wormald, 1917, 157, *219, plain plate.

Orinoco Goose. Reared by Blaauw, 1909, 38.

Emperor Goose, *Philacte canagica*

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Mandarin and Carolina Ducks, PLATE (AVIC.), 1928, 1.

*At liberty, M-W. 1912, 122 ; *Carolina and Mandarin Ducks, Laidlay, 1929, 172, 193, 254.

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White-winged Wood-duck, *Asarcornis scutulatus*. Zoo, 1911, 44.

THE TREE-DUCKS (*Dendrocygna*), Delac. 1928, 43 (AVIC.).

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THE SHELDUCK, Blathwayt (RAMBLES . . .), 1902, 251; HDA. 1914, 160.

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New Zealand Shelduck, *C. variegata*

ECLIPSE PLUMAGE OF THE FEMALE, Jones, 1910, 61.

PARADISE DUCKS, 1911, 157, photo.

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THE SURFACE-FEEDING DUCKS (*Anas, etc.*), Delac. 1928, 62 (AVIC.).

PECULIAR NESTING SITE OF A MALLARD, 1909, 243, photos.

SOME SPONTANEOUS VARIATIONS IN THE MALLARD AND MUSCOVY DUCK, Finn, 1913, 82, 106.

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Hybrids: *M. sibilatrix* × *penelope*, five reared ("they exactly resemble the American Wigeon"), S.B. 1919, 15, photo.

*An American Wigeon 22 years old, 1928, 22.

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Falcated Duck

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SOME OUT-OF-THE-WAY DUCKS, Finn (the Pink-headed "is not unfrequently sent home"), 1901, 132.

ARRIVAL OF A VERY RARE DUCK, THE PINK-HEADED, Ezra, 1915, 299; THE PINK-HEADED DUCK, Ezra, 1926, 325, PLATE and photo.

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THE BAIKAL TEAL, *N. formosum*, Wormald, 1907, 296; PLATE, 1928, 86.

THE RING-NECKED TEAL, *N. torquatum*, SS. 1913, 23, PLATE; "new to Zoo," 1912, 37, 142, photo.

BLUE-WING TEAL, *Q. discors*.

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THE CINNAMON TEAL, *Q. cyanoptera*, SS. 1911, 225, PLATE; HOTS-brugh, 1914, 261; PLATE, 1928, 86.

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Eider Ducks . . . IN CAPTIVITY, St. Q. 1899, 115.

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THE TUFTED DUCK, Wormald, 1906, 280, "easy to rear." Photo of nest.

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Steamer Ducks . . . AT THE ZOO, SS. 1927, 245, photo.

Musk Duck, *Biziura lobata*, Finn, 1919, 93, photo.

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Part iii

List of Contributors with dates of earliest and latest contributions.

Bracketed letters after a name indicate the abbreviation or initials used (for economy of space) in parts i and ii.

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Abrahams, J. 1896.
Ainley, J. W. 1912.
Aitchison, A. 1908.
Alderson, Miss. 1899-1917.
Allen, M. T. 1924-9.
— M, V. 1923.
Allon, Erskine. 1897.
Alston, Gavin. 1901-03.
Amsler, Dr. Maurice. 1911-30.
Anningson, Mrs. 1906.
Appleby, J. 1924-30.
Appleford, Mrs. 1897.
Arthur, C. P. 1895-1909.
Ashby, Edward. 1916.
— Edwin. 1922.
Ashford, Grace. 1897-1903.
Astley, Hubert D. 1896-1925.
(HDA).

Atherley, Mrs. Helen. 1912-16.
Attewell, H. E. 1904-12.
Aubry, M. 19.
Bahr, Philip H. 1912.
Bailey, Florence. 1917.
— Lt.-Col. F. E. E. 1927.
Bailly-Maitre, J. 1925.
Baily, Shore-. *See* S.
Bainbridge, W. A. 1914.
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Baldelli, Comtesse. 1902-13.
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Bampfylde, Hon. Mrs. 1912.
Banks, R. C. 1920.
Barber, Mrs. 1900.
Barber-Starkey, F. 1909.
Barkly, Mrs. 1897-1901.
Barlow-Massicks, F. 1915.

- Barnard, Charles. 1917.
 Barnby Smith, C. 1906-21. (*BS.*)
 Barnes, A. H. 1926.
 — Mrs. 1900.
 Barnett, Walter. 1927.
 Barrett, Charles. 1916.
 Bateson, Hon. Mrs. 1901-05.
 Bathe, Frank. 1904.
 Bathgate, John. 1905.
 Bearby, W. R. H. 1924-8.
 Bedford, Duchess of. 1906-29.
 (*D.Bedf.*)
 Beebe, C. Wm. 1905-8.
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 Bell, Canon. 1925.
 Bellchambers, T. P. 1921.
 Bennett, Capt. M. G. B. 1928.
 Bentley, D. 1903-12.
 Bergtold, W. H. 1916.
 Berlioz, *see* Delacour.
 Berridge, W. S. 1912-20.
 Bertling, A. 1905.
 Best, C. 1928-30.
 Betts, W. H. 1895.
 Blaauw, F. E. 1902-25 (*and with Tavis.*)
 Black, Mrs. A. R. 1930.
 Blagg, E. W. H. 1914-17.
 Blamey, Joel. 1905.
 Blathwayt, Rev. F. L. 1902-9.
 — Arthur P. 1915.
 Blissett, N. K. 1930.
 Bonhote, J. Lewis. 1895-1921.
 Boosey, E. J. 1926-8.
 — and Alec Brooksbank, 1929-30.
 Borbridge, H. M. 1925-8.
 Borman, Major F. W. 1928-9.
 Bourke, Hon. Mrs. 1921-9.
 Bouskill, G. E. 1897.
 Bowie, Miss Helen. 1904.
 Boyes, F. 1914.
 Brabourne, Lord. 1914-15.
 Bradshaw, J. 1928-9.
 Brampton, Miss Emily. 1900-4.
 Brigg, Stanley. 1895.
 Bright, Herbert. 1914-26.
 Bromet, Mrs. H. 1906-7.
 Brook, E. J. 1906-17.
 Brooksbank, *see* Boosey.
 Brooksbank, Mrs. 1902.
 Brown, Mrs. Swinfen. 1900.
 Brown, W. Ferrier. 1930.
 Brunton, John D. 1927.
 Bull, H. J. 1903.
 Bullivant, T. P. 1900.
 Burge, Samuel. 1897-8.
 Burgess, O. W. 1902-3.
 Burgess, Mrs. Dalton. 1921-4.
 Burton, W. 1903.
 Bushby, Dudley C. 1924.
 Butler, Dr. A. G. 1895-1923.
 (*AGB.*)
 Butler, A. L. 1912-13.
 Butter, J. K. 1918-20.
 Campbell, A. C. Drelincourt. 1917.
 Campbell, A. J. 1903-16.
 Camps, H. T. T. 1895-1900.
 Carpenter, Hon. Mrs. 1901-8.
 Carrick, George. 1900-2.
 Carruthers, Sir Joseph. 1918.
 Cartmell, I. 1899.
 Cash, James J. 1918-20.
 Castellan, V. 1895-7.
 Castle-Sloane, C. 1902-8.
 Catleugh, W. T. 1896-1905.
 Cavanagh, E. H. 1903.
 Cecil, Lady Wm. 1911-19.
 Chamberlain, Walter. 1914.
 Chapman, Frank M. 1916.
 Charrington, Mrs. 1900-4.
 Chase, G. S. 1903.
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 Chawner, Miss. 1900-30.
 Child, Francis B. 1926.
 Christie-Miller, L. 1927-8.
 Clarke, W. Eagle. 1920.
 Clayton, C. H. 1902.
 Cockell, Norman F. 1909.
 Cocksedge, E. Le H. 1899.
 Cole, S. G. 1925.
 Collier, Miss C. L. 1897-1900.
 Collin, H. A. 1929.
 Collinge, W. E. 1919-20.
 Colville, Miss K. 1929.
 Comyns-Lewer, Mrs. 1905.
 Connell, Mrs. Knatchbull. 1904-12.
 Cook, Alice M. 1919.
 — Beatrice, 1923.
 Cooper, James. 1900-10.

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- Cooper, Raymond W. 1920-1.
 Cope, E. E. 1901.
 Corbet, Sir Roland. 1913.
 Corsan, Senior, G. Hebden, 1928.
 Cosgrave, R. 1911-12.
 Coward, T. A. 1920.
 Crafer, A. 1895-8.
 Craig, Wallace. 1913-17.
 Crandall, Lee S. 1918-29.
 Creighton, J. W. 1903.
 — R. 1897-8.
 Cresswell, Frances. 1920.
 — O. E. 1895-1903.
 Creswell, Dr. W. G. 1902-6.
 Crisp, E. R. 1917.
 Cronkshaw, J. 1895-6.
 Cross, W. 1915.
 Crosse, Miss D. G. 1926.
 Cunningham, Martin. 1913.
 Currey, Mrs. 1911-26.
 Cushny, C. 1900-2.
- Dagliesh, Gordon. 1907-8.
 Daly, E. D. H. 1899.
 Darling, J. ff. 1904.
 Dart, Henry. 1905.
 Davies, C. J. 1910-11.
 Davis, Godfrey. 1928-30.
 Dawnay, Lady A. 1904-11.
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 Delacour, J. 1916-30. (*Delac.*)
 — and Berlioz. 1926.
 — and Legendre. 1925-6.
 — and Shore-Baily. 1928.
 Dell, Charles. 1901-24.
 Denman, Arthur. 1910-12.
 Dennis, Evelyn. 1929.
 — Mrs. Harold. 1907.
 Deubreuil, The Chevalier. 1917.
 D'Evelyn, Dr. F. W. 1909.
 Dewar, D. 1909.
 — Willoughby, 1920.
 Dickison, D. 1927.
 Dimock, *Diary of the Rev.* 1923.
 Dodsworth, Pelham T. L. 1912.
 Doherty, John. 1897.
 Donald, C. H. 1922.
 Dooly, T. L. S. 1925-6.
 Dorrien-Smith, Miss Cicely. 1913.
- Dorrien - Smith, Miss Innis. 1911-16.
 Douglas, W. C. 1901.
 Dove, H. Stuart. 1917.
 Drake, Mrs. K. 1928-9.
 Drummond, Miss M. 1907-15.
 Dunleath, Lady. 1901-4.
 Dutton, Canon F. C. 1895-1913.
 Dyott, R. A. 1915.
- Edge, Rev. H. P. 1904.
 Edwards, J. C. 1926.
 Eustace, H. C. 1927-9.
 Evans, R. M. 1927.
 Ezra, A. 1913-30.
 — D. 1902-14.
- Falkner, Guy. 1916.
 Farmborough, P. W. 1897-1909
 Farrar, Rev. C. D. 1896-1904.
 Fasey, W. R. 1903-11.
 Feilding, Miss M. 1906.
 Ffoulkes, Mrs. J. M. 1906.
 Fillmer, H. R. 1895-1906.
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 Finn, Frank, 1897-1930.
 Fitzgerald, Miss D. 1904.
 Flower, Capt. Stanley F. 1907-8.
 Flower, Mrs. Stanley, 1911.
 Fooks, F. E. 1928.
 Fortescue, Col. F. 1909.
 Foster, W. Hill. 1907.
 Fothergill, Major H. 1902-3.
 Foulis, John. 1901.
 Franklin-Hindle, R. 1901-3.
 Frederick, John V. 1916.
 Frost, W. 1910-25.
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- Galloway, P. F. M. 1908-25.
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 Ghigi and Delacour. 1930.
 Gibbard, R. N. 1919.
 Gibbins, W. B. 1902-19.
 Gibson, Rev. T. B. 1897.
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 Gladstone, Miss J. 1908.
 Glasscoe, G. D. 1900.

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- Goddard, H. E. 1900-13.
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 — A. D. 1916-17.
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 Griffiths, E. 1897.
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 — G. H. 1907-30.
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 — E. 1908. (? = E.W.)
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- Heumann, G. A. 1914-22.
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 — Major R. B. 1899-1914.
 — Major and Mrs. Boyd-. 1913.
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- Ingram, Collingwood. 1905-14.
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 Irvine, C. M. 1930.
 Isemonger, F. M. 1917.
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- Jackson, A. E. Blythe. 1927.
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 — Ethel M. 1919.
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 — Norman H. 1895-6.
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 — Surg.-Cmdr. K. H. 1918-19.
 Johnstone, Mrs. 1900-15. (*Mrs. J.*)
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 Kelsall, Rev. J. E. 1897.
 Kemp, Robin. 1903-7.

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- Kershaw, Miss M. E. 1927.
 Kesterman, H. 1903.
 Kirkwood, Mrs. 1903.
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 — Capt. H. E. 1920.
 Koch, Felix J. 1915-16.
- Laidlay, J. C. 1920-30.
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 — P. J. 1930.
 Lambert-Baker, Wm. 1915.
 Lambbrick, Prebendary. 1921-9.
 Lancaster, Mrs. M. B. 1899.
 — Mrs. 1925.
 Landless, W. 1897-8.
 Langford, Miss. 1903.
 Lascelles, Hon. G. 1901.
 Law, Satya Churu. 1920-5.
 Lawes, Sir Charles, 1902.
 Lawrence (S. A.) and R. T. Little-
 johns, 1916-20.
 Le Souëf, A. S. 1919-24.
 — D. 1902-22.
 — E. 1913.
 Leader, J. V. 1901-4. (*J. Viner*
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 Lee, Eric. 1920.
 — Mrs. M. A. 1909.
 — Mabel D. 1917.
 Leeke, Miss E. D. 1913-14.
 Legendre, M. 1924-6. *And see*
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 Leigh, H. Boughton. 1901-6.
 Lewis, Arthur. 1926-9.
 — W. 1925-6.
 Lienau, C. H. A. 1918-29.
 Lilford, Lady. 1903.
 Little, Miss Rosa C. 1908.
 Littlejohns (R. T.) and S. A.
 Lawrence. 1918. *And see*
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 Llewellyn, Miss L. 1895.
 Lloyd, Lt.-Col. A. 1918.
 Lockyer, Alfred. 1913.
 Lodge, G. E. 1924.
 Lorimer, Norma. 1918-19.
 Lort-Phillips, Major F. 1930.
 Lovell-Keays, Dr. 1914-19.
 Lovibond, H. 1925.
 Low, G. E. 1914-19.
 Luigi, Dr. Bruno. 1925.
- Mackenzie, O. 1903.
 Macklin, C. H. 1928-30.
 Maeschke, R. 1897-8.
 Maitland, Mrs. Keith. 1900.
 Malone, Mrs. L'Estrange. 1914.
 Mander, J. D. 1929.
 Marriner, J. Sumner. 1927.
 Marriott, Irene M. 1927.
 Marsden, J. W. 1918-30.
 Marshall, Thomas. 1895-8.
 Martin, A. 1930.
 — H. C. 1897-1907.
 Mathews, Gregory M. 1910-13.
 Mathews-Sherman, W. G. 1923.
 Matsunaga, Yashmori. 1929.
 Maud, Mrs. C. E. 1916-18.
 Maxwell, C. T. 1911.
 Maynard, Gordon. 1929.
 Mayor, C. M. 1903.
 McCormick, W. F. J. 1916.
 McDonald, Miss B. 1907.
 Meade-Waldo, E. G. B. 1895-
 1924. (*M-W.*)
 Medland, Miss Lilian M. 1914.
 Merrylees, Miss E. 1904.
 Michel, Mrs. 1906.
 Miller, Lady. 1900.
 — Rev. T. W. T. 1926.
 — Tinniswood. 1909.
 Millet-Horsin, Dr. 1919.
 Milligan, A. W. 1905.
 — H. N. 1928.
 Millsum, O. 1915.
 Mitchell, P. Chalmers. 1920.
 Moerschell, F. 1895-1915.
 Momber, Lt.-Col. G. A. 1909-11.
 Moody, A. F. 1918-30.
 — William. 1923.
 Moore, H. 1928-30.
 Morse, D. S. 1904.
 Morshead, Lady. 1902.
 Mortimer, Mrs. 1903.
 Mundy, Miss Sybil M. 1913.
 Munt, H. 1914.
 Murray, Mrs. Dewar. 1923-30.
 Mylan, Dr. J. G. 1902-22.
- Neunzig, Karl. 1925.
 Newatt, Mrs. 1913.
 Newman, T. H. 1904-29.
 Newton, Prof. A. 1902.

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- Nicholson, A. E. 1897-1902.
 — Alf. S. 1927.
 — W. 1899-1900.
 — W. A. 1923.
 Nicol, Hamish. 1929.
 Nicoll, Michael J. 1906-15.
 Noble, Mrs. 1913.
 Norman, Miss M. 1904.
 North, Alfred. 1918.
 Norwood, E. 1903.
- Oakey, W. 1897-9.
 Oates, F. W. 1899-1900.
 Ogilvie-Grant. W. R. 1909.
 (O.G.)
 Oliphant, Trevor. 1914.
 O'Reilly, N. S. 1906-7.
 Osbaldeston, W. 1895-1906.
- Page, Wesley T. 1897-1914.
 Palmer, Winifred H. 1916.
 Pam, Albert. 1915-23.
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 Parker, Duncan. 1905-11.
 Patrick, Leon. 1928.
 Payne, W. H. 1909.
 Pearson, A. A. 1897-1902.
 — T. Gilbert. 1916.
 Percival, Blayney. 1919.
 — W. G. 1902-18.
 Percy, Lord Wm. 1913.
 Perkins, Septimus. 1895-99.
 Perreau, Capt. G. A. 1905-9.
 Phillips, George G. 1916.
 — John C. 1912-23.
 — Mrs. L. E. 1895-6.
 Phillipps, Alex. 1895.
 — Reginald. 1895-1915. (RP.)
 Pichot, Pieare A. 1917-8.
 Pike, H. L. 1895.
 Pithie, Miss D. E. 1920.
 Plath, Karl. 1924-30.
 Pocock, R. I. 1906-24.
 Poltimore, Lord. 1911.
 Pool, J. C. 1895-6.
 Portal, Major M. 1913-21.
 Porter, E. A. 1906.
 — G. C. 1902-7.
 — Sydney. 1920-30.
 Potter, Dr. B. E. 1915-25.
 Prestwich, Mrs. A. A. 1926-30.
- Prestwich, D. G. 1928.
 Proctor, Major F.W. 1905.
 Pycraft, W. P. 1903-21.
- Rabbich, H. P. 1903-4.
 Ramsay, James. 1916.
 Rathborne, H. B. 1902-18.
 — Mrs. 1903-4.
 Rattigan, Capt. G. W. 1910-28.
 Reeve, Capt. John S. 1920-8.
 Reid, Mrs. (*Madeira*). 1897-09.
 (C. S. Reid, 1903.)
 Ranaut, W. E. 1905.
 Renshaw, Chas. J. 1918-19.
 — Graham. 1903-20.
 Rettich, A. 1896-7.
 Rice, G. 1903.
 — L. K. 1923.
 Roberts, E. A. 1926.
 — Mary R. 1905.
 — Norman B. 1899-1905.
 Robertson, Mrs. 1900-1.
 Rogers, H. E. 1918-20.
 Rotch, C. D. 1900-1.
 — Mrs. 1902.
 Rothera, A. 1896-1906.
 Rothschild, Hon. Walter. 1914.
 — Lord. 1930.
 Rothwell, J. E. 1911.
 Rudkin, F. H. 1903-5.
 Rutt, Miss H. B. 1905.
 Ryan, B. J. 1930.
- St. Quintin. 1895-1926. (St. Q.)
 Salt, G. 1896-1902.
 Salter, A. J. 1904-6.
 Savage, A. 1895-1901.
 Selater, P. L. 1902-4.
 — W. L. 1911.
 Scherren, K. 1908-10.
 Scott, Prof. W. E. D. 1903-4.
 — R. Hamilton. 1918-30.
 Scott-Hopkins, C. 1930.
 Sell, R. A. 1919.
 Seppings, Capt. J. W. 1910-21.
 Sergeant, John. 1895-1904.
 Seth-Smith, D. 1896-1930. (SS.)
 — L. M. 1904-28.
 Sharpe, Miss M. D. 1895-1903.
 Shaw, Jun., Henry S. 1917.
 — James. 1913.

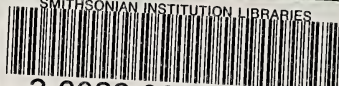
List of Contributors

- Shelley, Capt. G. E. 1904.
 Shephard, T. 1924.
 Shepherd, Miss B. 1902-3.
 Sherbrooke, K. 1912.
 — Mrs. R. 1899.
 Sheriff, A. 1925-9.
 Sherman, Althea R. 1915-19.
 Sherrie, W. M. 1918.
 Shore-Baily, W. 1916-30. (SB.)
 Shufeldt, R. W. 1918-20.
 Sich, H. L. 1902-30.
 Silver, Allen. 1908-28.
 Simpson, A. 1902-11.
 — C. S. 1895-1900.
 Skinner, K. L. 1919-20.
 — Thornton. 1920.
 Slater, A. A. 1896-1906.
 Smalley, Fred. 1916.
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 — E. E. 1900.
 — W. W. 1927-9.
 Smyth, W. 1904.
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 Sorensen, E. S. 1919.
 Southoff, George de. 1928.
 Speed, C. 1897-1900.
 — Hedley. 1895-1903.
 Sprawson, Capt. E. 1926-9.
 Squire, Cecil W. R. 1928.
 Stanyforth, Mrs. 1903.
 Staples-Brown, R. 1912-15.
 Staveley-Hill, Mrs. E. 1916-17.
 Stead, Edgar F. 1908.
 — G. D. 1915.
 Stewart, B. Theo. 1913-15.
 Stillman, Paul E. 1929.
 Stokes, Capt. H. S. 1923-30.
 Stone, O. J. 1915-16.
 Storey, James. 1896.
 Sturton-Johnson, Miss. 1905.
 Suggitt, R. 1904-7.
 — W. E. 1925.
 Sutcliffe, Arthur. 1926.
 Sutton, C. Pelham. 1913.
 — Sir Richard. 1916.
 Swailes, G. C. 1895-1903.
 Swaysland, Walter. 1895.
 Swift, Donald. 1905.
 Symonds, J. H. 1914.
 Taka-Tsukasa, Prince. 1921-9.
 Tavistock, Marquess of. 1913-30.
 (Tavis.)
 — and Delac. 1926-8.
 — and Blaauw. 1927.
 Temple, W. R. 1909-15.
 Teschemaker, W. E. 1904-17.
 (Tesch.)
 Thom, A. A. 1895-1926.
 Thomas, Mrs. Haig. 1907.
 Thomasset, B. C. 1897-1930.
 Thompson, Mrs. A. C. 1925.
 — Mrs. 1900.
 — Lady. 1901-2.
 — G. W. 1930.
 Thorburn-Clarke, H. 1917.
 Thorniley, Percy W. 1910-13.
 Thoyts, Miss E. E. 1895.
 Ticehurst, Claude B. 1913.
 — N. F. 1908-12.
 Tienan, C. H. A. 1923. *Probably misprint for Lienau.*
 Tod-Boyd, H. 1927.
 Todd, R. A. 1896-1900.
 Tomlinson, M. R. 1926.
 — S. 1923.
 Toussaint, Mrs. L. H. 1916.
 Townsend, S. M. 1903-11.
 Trenow, Evelyn Henry. 1911-12.
 Trevor-Battye, A. 1904-20.
 Tuck, Rev. Julian C. 1910.
 Turner, Emma L. 1920.
 — Thomas. 1904.
 Turner-Turner, Mrs. 1914.
 Tweedie, Lt.-Col. W. 1903-16.
 Urwick, Douglas B. 1915.
 Van Someren, V. G. 1916-19.
 (Van S.)
 Venner, Rev. P. 1925.
 Vernon, Mrs. E. Warren. 1908-15.
 Verrall, Claude. 1897.
 — J. H. 1897-8.
 Vivian, Mrs. 1903-4.
 Waddle, Miss Peddie. 1905-41.
 Waggett, P. N. 1924.
 Walker, Miss H. K. O. 1897.
 Wall, Mrs. D. W. 1926-9.
 Wallop, Hon. F. 1903.

List of Contributors

- Ward, Hon. Mrs. Somerset. 1900.
— W. M. G. 1906.
Washington, Louisa. 1925.
Waterfield, Mrs. Noel E. 1925.
Watson, John. 1905.
Waud, Capt. Reginald P. 1913-30.
Wavertree, Lady. 1930.
Webb, Wilfrid Mark. 1919.
Webber, Mrs. O. 1904.
Webster, W. T. 1920-21.
Weir, J. 1918-26.
Welch, Fred D. 1920-7.
Wellington, Duchess of, 1922.
(*D. Well.*)
West, Miss E. E. 1899-1911.
Weston, Denys. 1926-30.
Whistler, Hugh. 1905.
Whitehead, L. 1905.
Whitlaw, Rosa M. 1917-22.
Whitley, Herbert. 1927.
Whitman, Prof. C. O. 1907.
Whitmore, Rosalie A. 1916.
Whytehead, T. B. 1897-1902.
Wiener, Aug. F. 1896-1906.
Wildeboer, Dr. 1926.
Willford, H. 1911-14.
Williams, A. R. 1914-18.
— Mrs. C. H. 1907.
— Edward. 1908.
— Mrs. Howard. 1902-8.
— Mrs. 1903.
— Mrs. Leslie. 1901.
— L. 1911.
— Mrs. M. 1906-22.
— Sydney. 1912-26.
Williamson, G. C. 1895-6.
Willis, Mrs. Mary C. 1926.
Wilmot, Rev. R. H. 1903-4.
Wilson, And. 1927.
— T. N. 1905-6.
Witherby, H. F. 1908-13.
Wolfe, Miss Georgina. 1908.
Wood, Dr. Casey A. 1924.
Woods, Miss. 1902.
Woodward, Kenneth. 1918.
Wooldridge, Prof. G. H. 1919.
Woosnam, R. B. 1910.
Wordsworth, Miss A. M. 1895.
Workman, W. H. 1903-30.
Wormald, Hugh. 1905-25.
Younger, Miss Barbara. 1912.

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